

Converting Colors

HunterLab(48.8658, 53.3220,
27.2778)

Have a look what the booklet for
HunterLab(48.8658, 53.3220,
27.2778) contains.

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Color

**HunterLab(48.9456, 53.4091,
27.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5133
RGB	236, 81, 51
RGB Percent	93%, 32%, 20%
CMY	0.0745, 0.6823, 0.8000
CMYK	0.00, 0.66, 0.78, 0.07
HSL	10°, 83%, 56%
HSV	10°, 78%, 93%
XYZ	38.1320, 23.9567, 5.7463
YIQ	123.9250, 102.0100, 23.5300

Conversions

Conversions Part 2

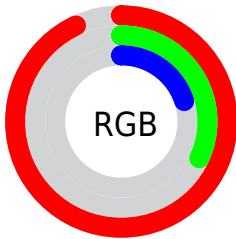
Format	Color
R_{YB}	236, 87, 51
Decimal	15487283
CIE Lab	56.05, 58.23, 49.20
CIE LCh	56, 76.228, 40.194
Yxy	23.9581, 0.5621, 0.3532
Android (android.graphics.Color)	4293677363 (0xFFEC5133)
YUV	123.9250, -35.9520, 98.2898
Hunter-Lab	48.9456, 53.4091, 27.3012

Details

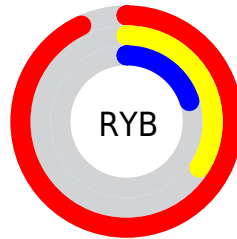
The HunterLab color **48.9456, 53.4091, 27.3012** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **71.3427, -28.3361, -22.4848**, and the grayscale version is **44.9754, -2.3998, 2.4436**.

A 20% lighter version of the original color is **63.3020, 37.2222, 28.3656**, and **30.0632, 49.2510, 19.2738** is the 20% darker color. If you saturate the color by 10%, you get **46.1267, 60.4315, 28.1167**, and if you desaturate by 10%, it is **52.5360, 45.6021, 25.7390**.

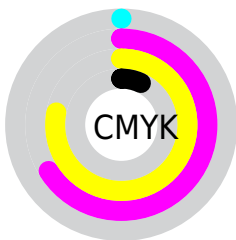
Distribution



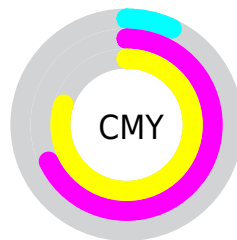
- Red (93%)
- Green (32%)
- Blue (20%)



- Red (93%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9456, 53.4091, 27.3012 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 48.9456, 53.4091, 27.3012 by changing the saturation by 10% instead.

48.9456, 53.4091,
27.3012

48.9456, 53.4091,
27.3012

165.1086, 67.2404,
55.9606

39.1185, 51.3835,
23.4038

70.6837, 57.1525,
34.4881

30.0533, 49.2945,
19.2509

82.5099, 58.8712,
37.8439

21.8221, 47.2131,
15.2755

94.9307, 60.4896,
41.0763

14.5201, 45.3569,
10.1641

107.9189, 62.0120,
44.2051

8.1811, 45.3974,
5.7268

121.4507, 63.4435,
47.2461

0.0000, INF, NaN

0.0000, NaN, NaN

135.5051, 64.7890,

50.2122

0.0000, NaN, NaN

150.0634, 66.0532,
53.1141

0.0000, NaN, NaN

■ 48.9456, 53.4091,
27.3012

■ 48.9456, 53.4091,
27.3012

■ 46.1267, 60.4315,
28.1167

■ 52.5360, 45.6021,
25.7390

■ 44.1128, 66.1349,
28.1932


■ 56.8198, 37.5013,
23.5590

■ 43.8601, 66.8829,
28.1973


■ 61.7125, 29.4464,
20.9150


■ 67.1302, 21.6448,
17.9415

■ 72.9978, 14.1974,
14.7418

 79.2511, 7.1358,
11.3890

 85.8366, 0.4512,
7.9323

 92.7107, -5.8854,
4.4038

 98.2714, -11.4021,
3.2752

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9470, 73.2854, 11.8824



48.9456, 53.4091, 27.3012



48.9470, 19.8776, 31.8776

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.9470, 53.4045, 27.3019



48.9470, -47.8852, 18.5609



48.9470, 8.6859, -96.1338

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.9456, 53.4091, 27.3012



71.3427, -28.3361, -22.4848

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.9470, -21.6594, -89.7503



48.9456, 53.4091, 27.3012



48.9470, -49.4322, -8.7902

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.9470, 53.4045, 27.3019



48.9470, -36.1592, 29.5255



48.9470, -41.1155, -51.7119



48.9470, 43.4353, -65.8568

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.9456, 53.4091, 27.3012



48.9470, -2.8214, 32.4409



48.9470, -41.1155, -51.7119



48.9470, -2.4069, -98.5099

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.9470, 53.4045, 27.3019



82.5847, 12.1434, 14.5430



49.7663, 82.1741, -39.1819



37.0933, 6.9119, 7.3287

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9470, 53.4045, 27.3019



48.9395, 69.9381, 30.8194



68.7692, 8.9154, 39.8310



39.3048, 0.5318, 3.8362



32.7517, 49.0502, 21.0401



9.8002, 11.8381, 6.2461

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.3427, -28.3361, -22.4848



75.1639, -29.8048, -28.8337



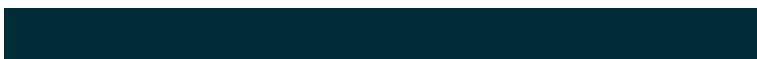
43.8101, 15.9116, -80.1221



40.8431, -4.6191, 0.5212



50.6867, -19.9517, -20.2840



14.5894, -6.0961, -5.0758

Previews

White Background



This preview shows how the HunterLab color 48.9456, 53.4091, 27.3012 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.9456, 53.4091, 27.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.9456, 53.4091, 27.3012 Background



This preview shows how black text looks on a background with the HunterLab color 48.9456, 53.4091, 27.3012.



This preview shows how white text looks on a background with the HunterLab color 48.9456, 53.4091,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.9456, 53.4091, 27.3012

Protanopia

49.1149, -5.7359, 23.7537

Deuteranopia

49.0100, 3.2732, 27.9350



Tritanopia

48.8941, 57.0485, 21.6873

Trichromacy



Original Color

48.9456, 53.4091, 27.3012

Protanomaly

47.3520, 15.2542, 23.9172

Deuteranomaly

47.8338, 21.1985, 27.0132

Tritanomaly

48.8830, 55.9712, 24.0734

Monochromacy



Original Color

48.9456, 53.4091, 27.3012

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.2578, 15.4625, 12.3917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9456, 53.4091, 27.3012 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 81, 51)` looks like.

```
.text, #text, p{  
    color:rgb(236, 81, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 81, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 81, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9456, 53.4091, 27.3012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 81, 51) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 81, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 81, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 81, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 81, 51);  
box-shadow:4px 4px 4px 4px rgb(236, 81,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9456, 53.4091, 27.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 81, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236, 81,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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